

AMENDMENTS TO THE SPECIFICATION

A. Please replace the paragraph beginning at line 1 of page 5 with the following paragraph:

Using solar cell 220-1 as an example, a solar cell 220 may include an electrically conductive area 221 forming interdigitated metal contacts with an electrically conductive area 222. Conductive areas 221 and 222 may comprise stacks of electrically conductive materials with tin on the top surfaces, for example. An insulator area 223 separates conductive area 221 from conductive area 222. Conductive areas 221 and 222 are of differing electrical polarity. In one embodiment, conductive area 221 is electrically coupled to a p-doped region and is thus of positive polarity, while conductive area 222 is electrically coupled to an n-doped region and is thus of negative polarity. Solar radiation impinging on the front side of a solar cell 220 results in an electrical potential difference between conductive areas 221 and ~~222~~ 22. The conductive area 221 of one solar cell 220 may be connected to the conductive area 222 of another solar cell 220, and so on, to serially connect the solar cells and form a solar cell array 110. Note that conductive areas 221 and 222 are only schematically illustrated in FIG. 2; their actual dimensions and patterns will vary depending on the particulars of the solar cell.